

Fig. 1A

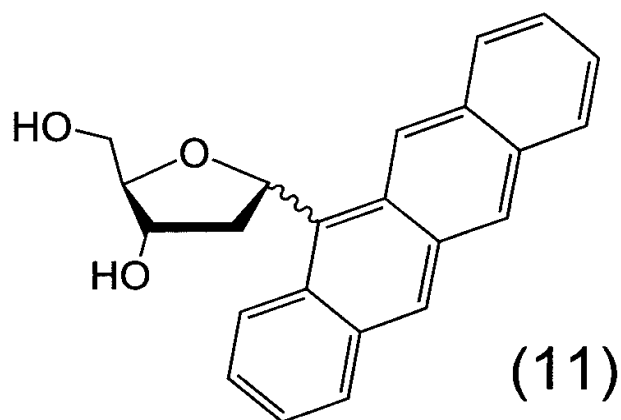
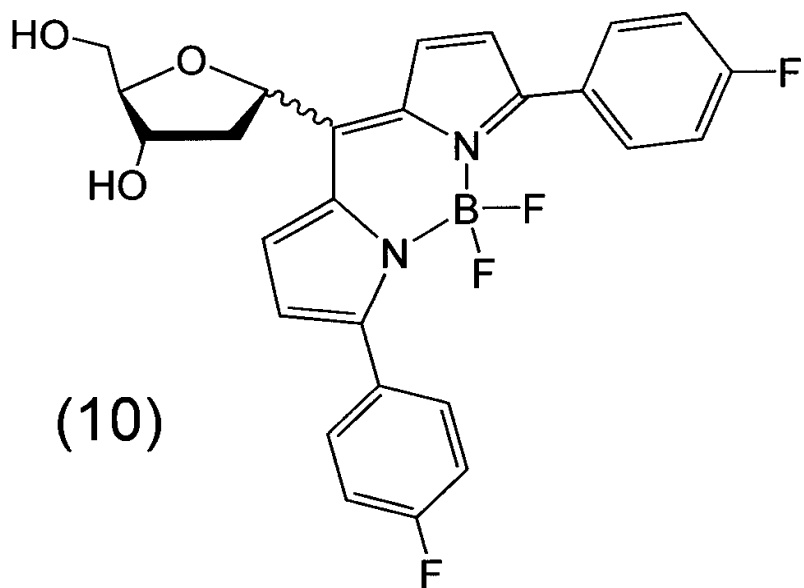
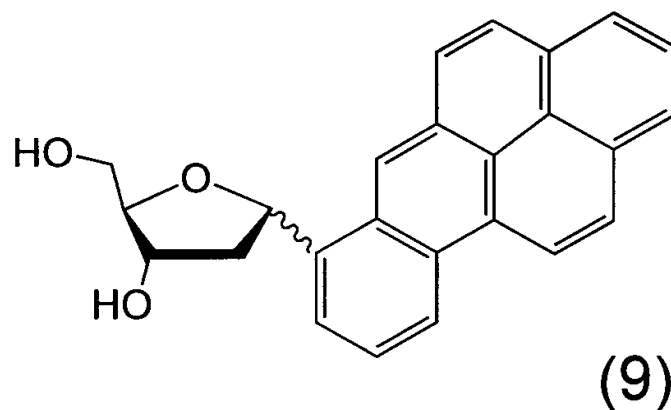
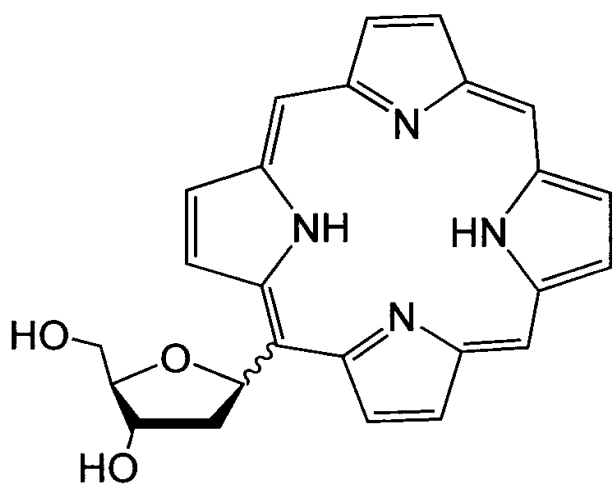
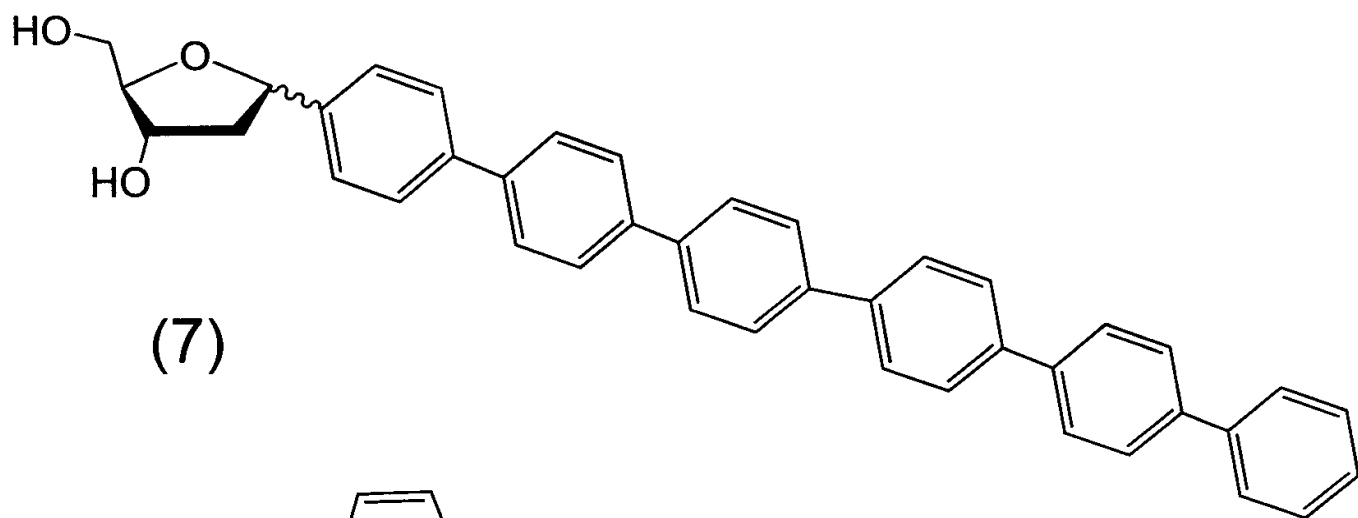


Fig. 1B

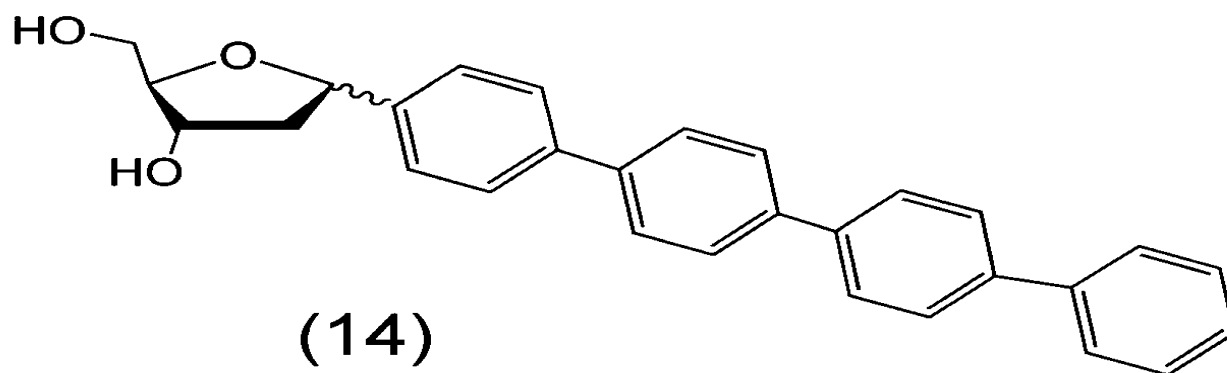
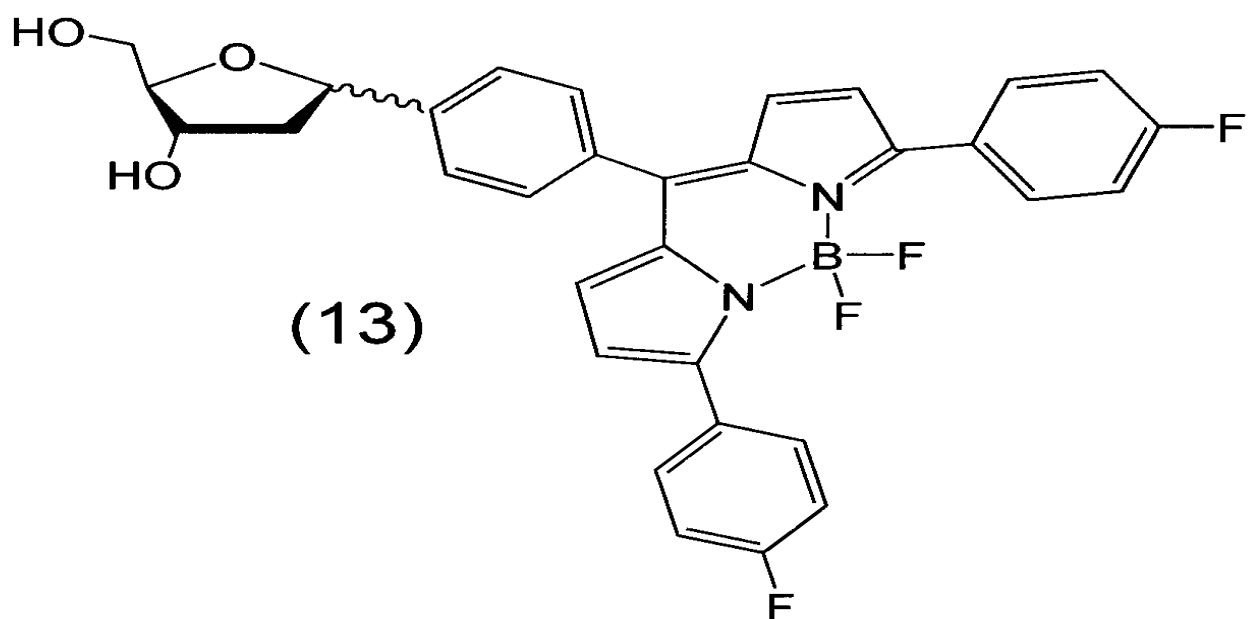
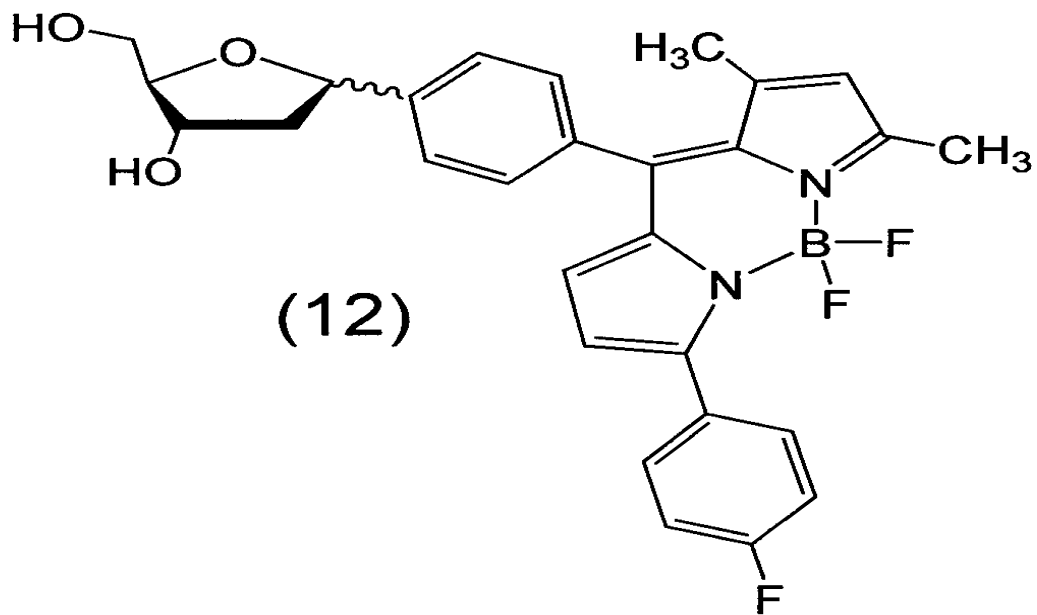


Fig. 1C

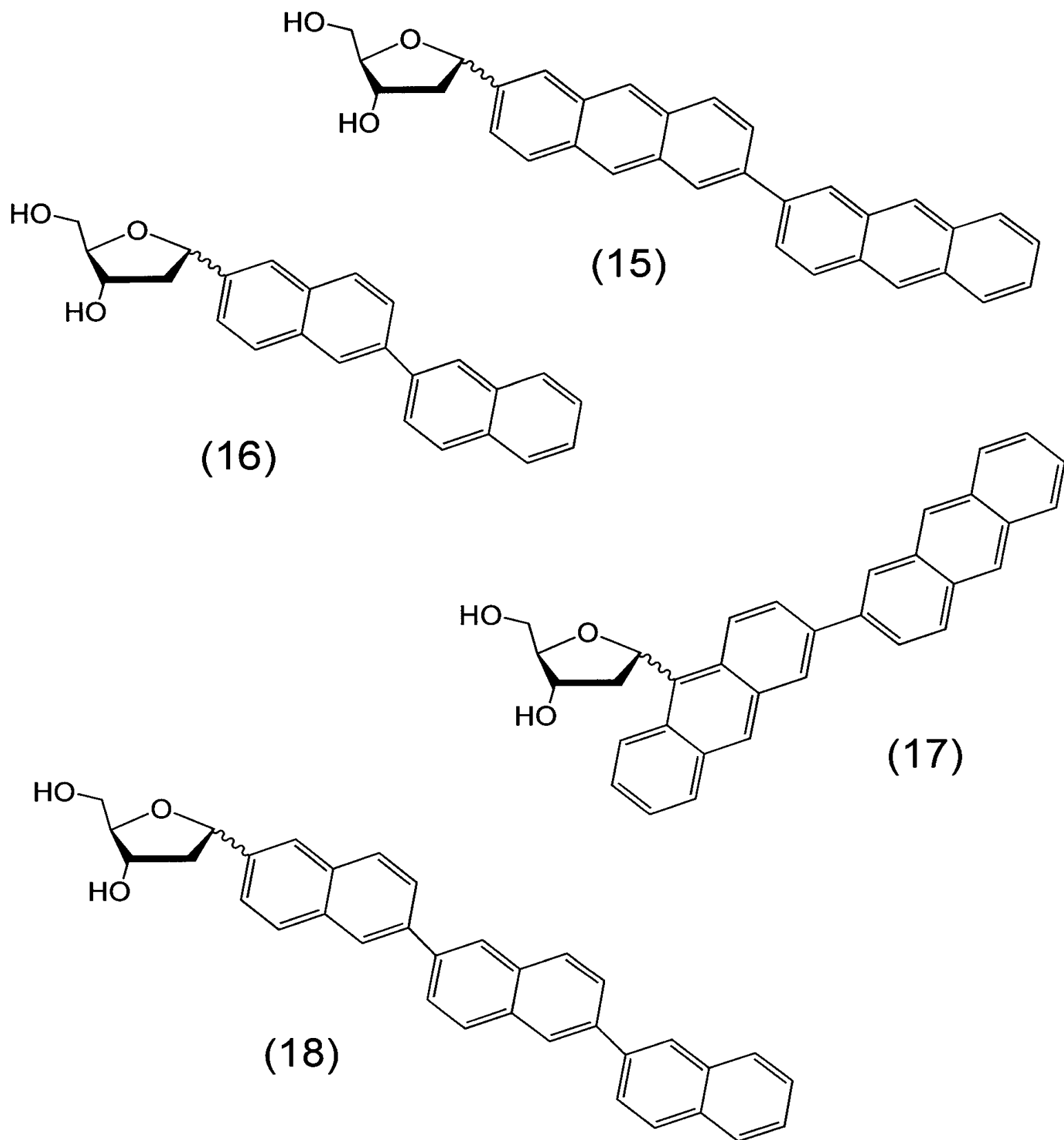


Fig. 1D

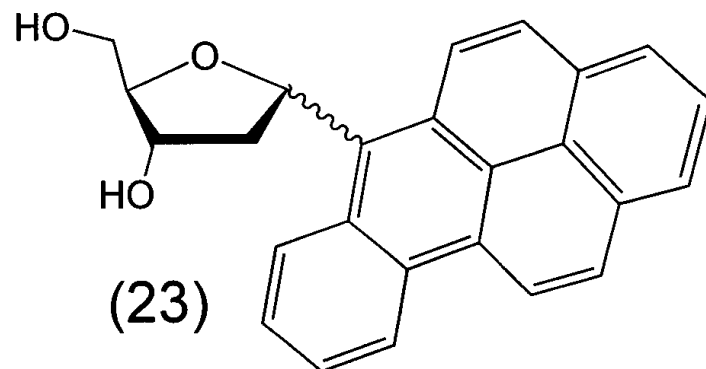
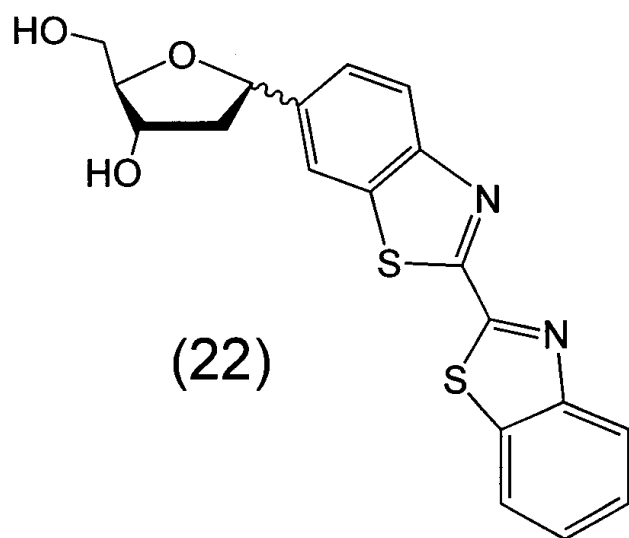
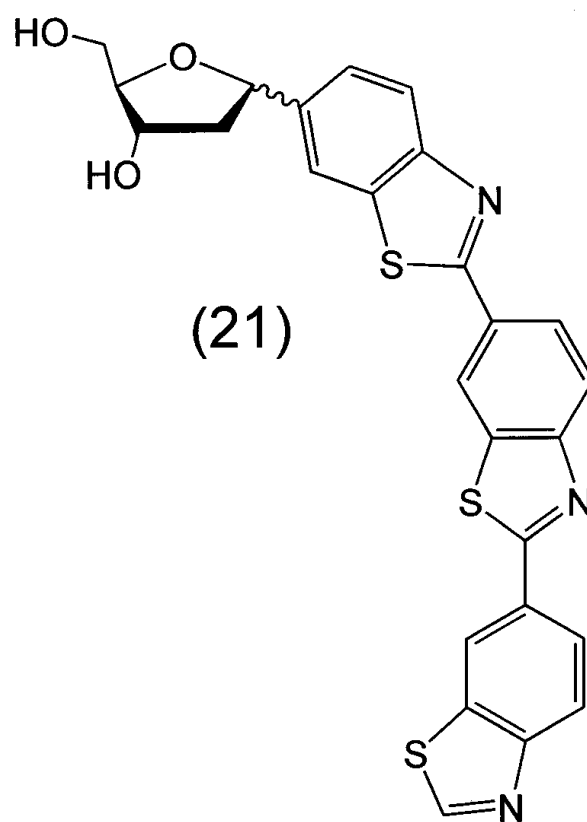
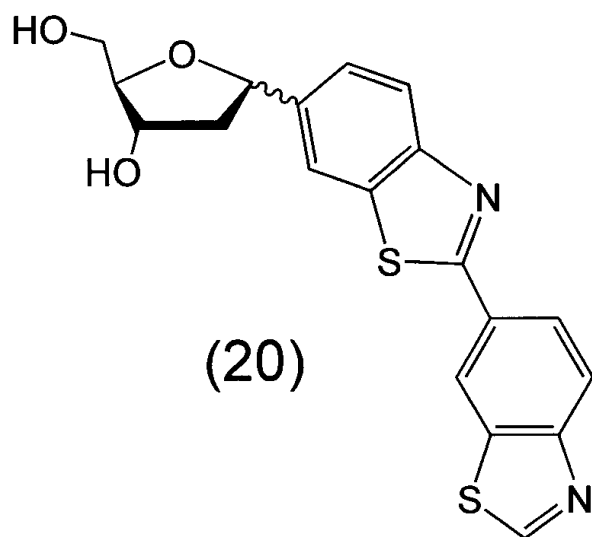
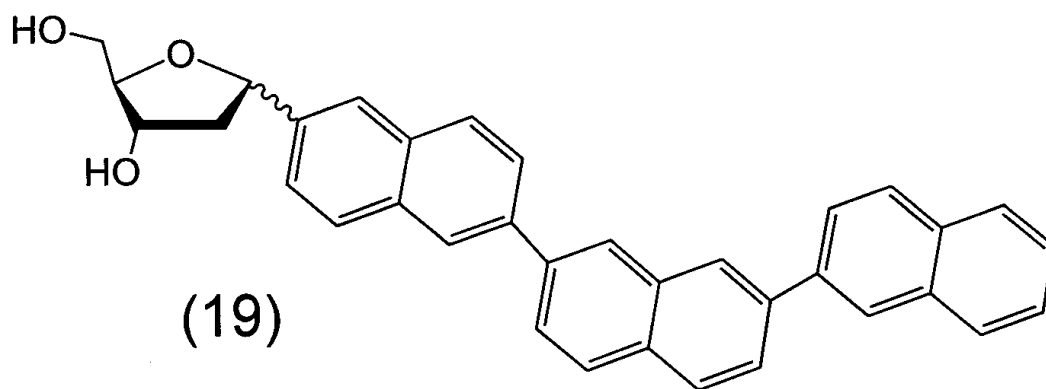


Fig. 1E

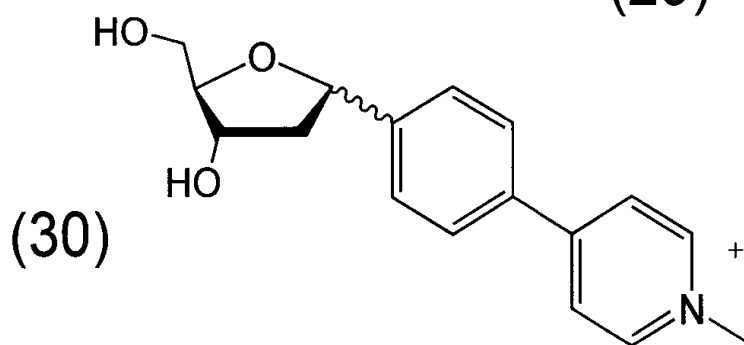
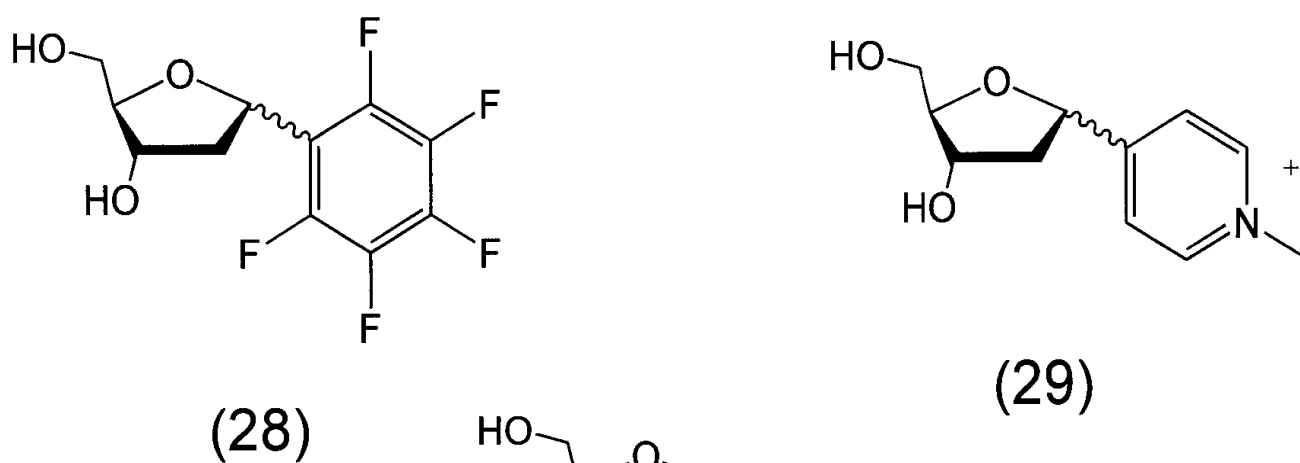
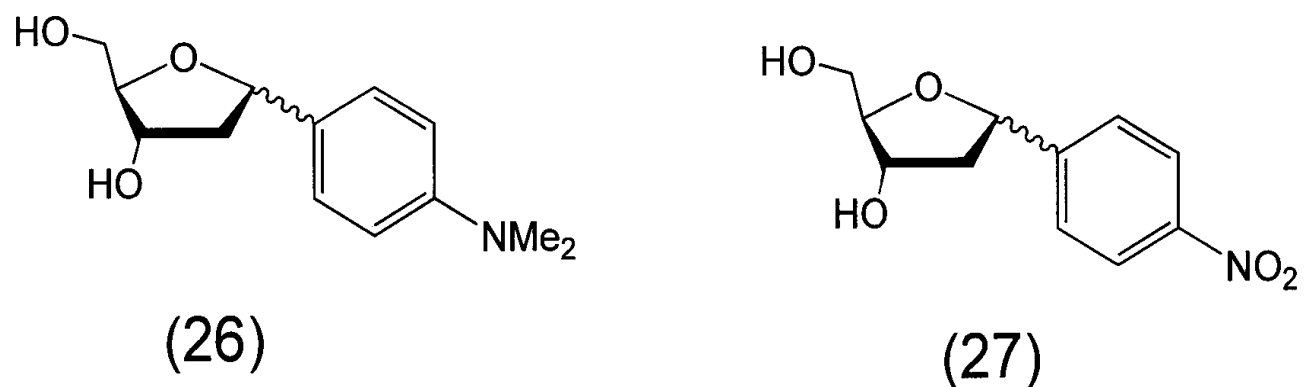
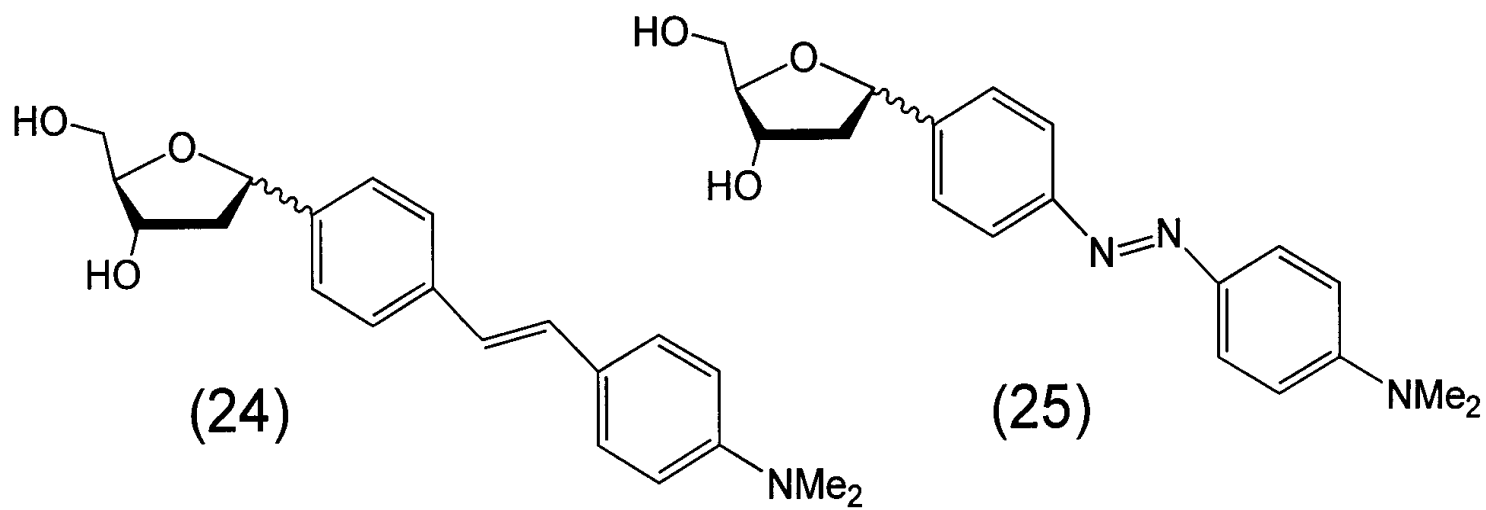
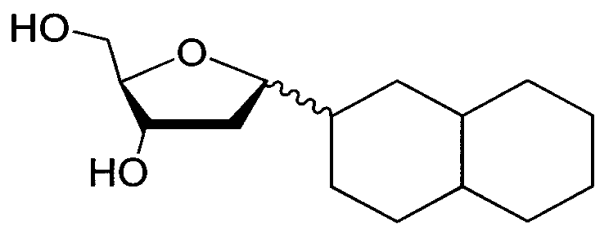
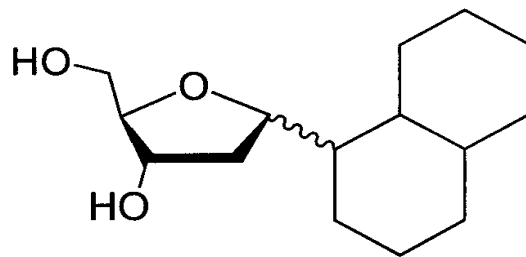


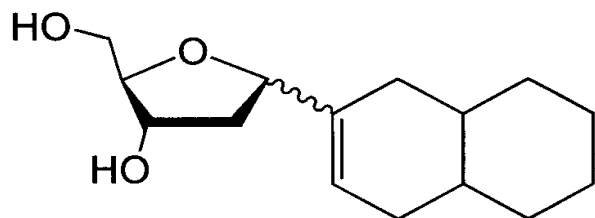
Fig. 2



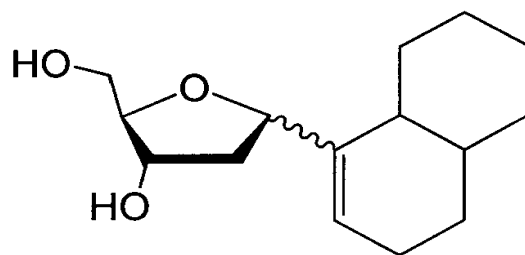
(31)



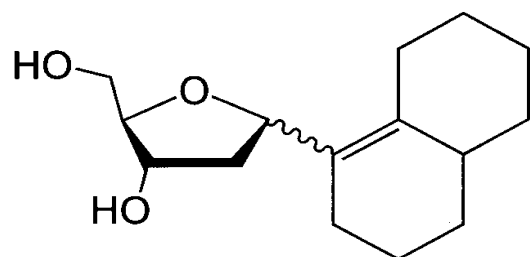
(32)



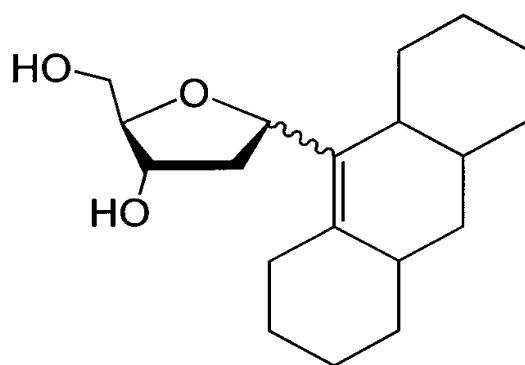
(33)



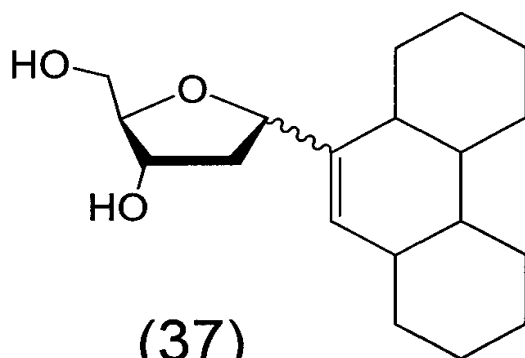
(34)



(35)

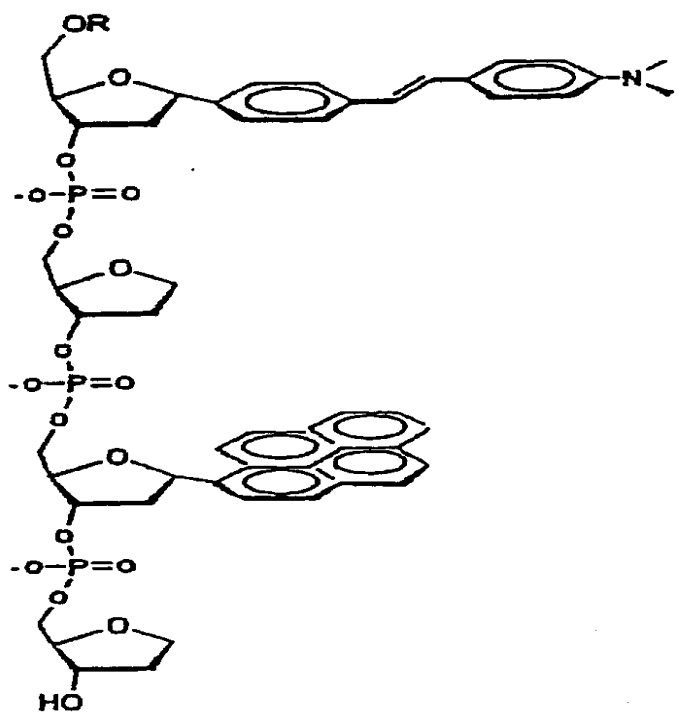


(36)

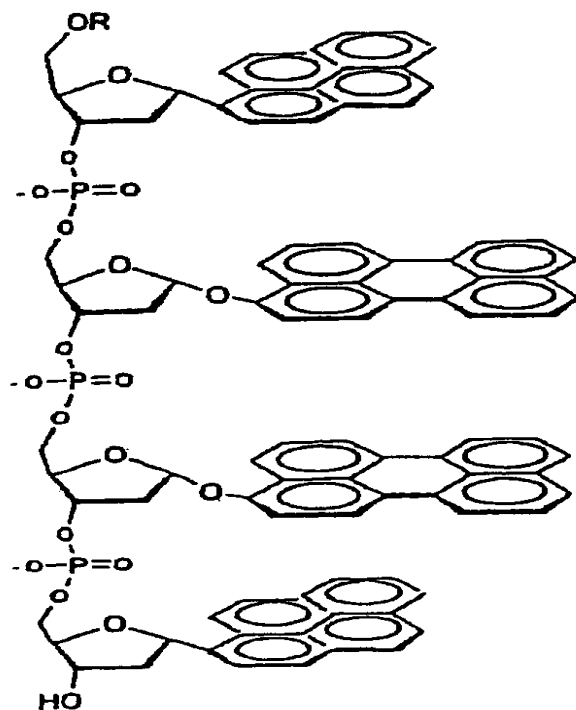


(37)

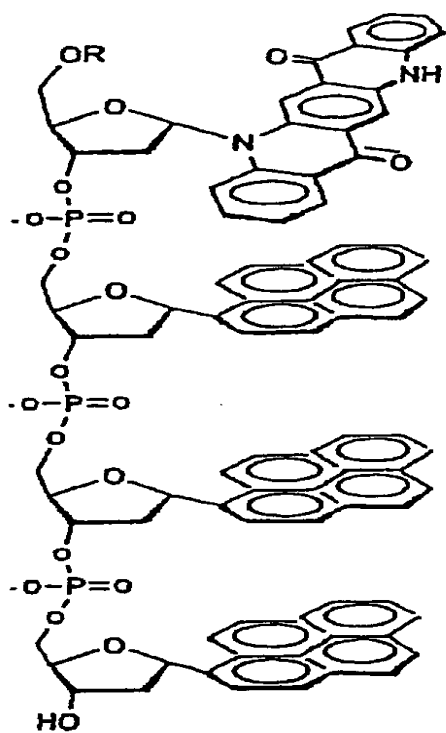
Fig. 3



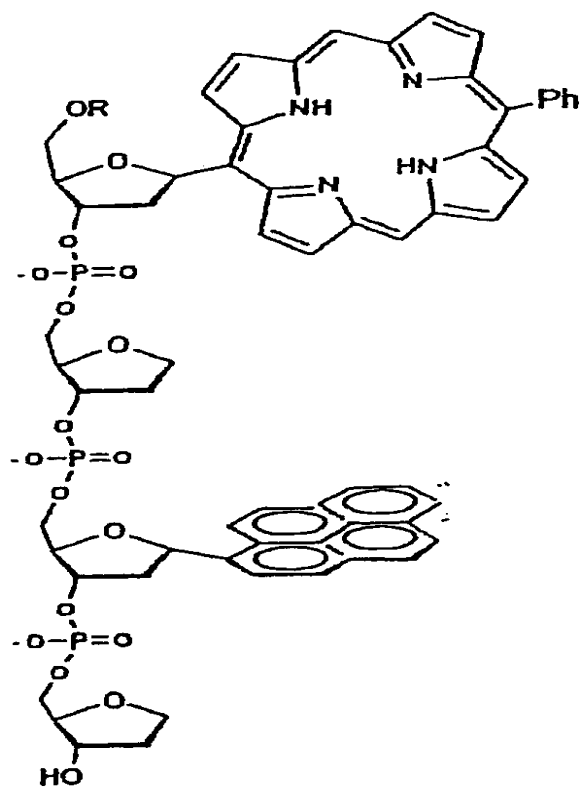
5'-DSYS (blue)
R = H or DMT



5'-YOOY (green)
R = H or DMT



5'-QYYY (orange)
R = H or DMT



5'-PSYS (red)
R = H or DMT

Fig. 4

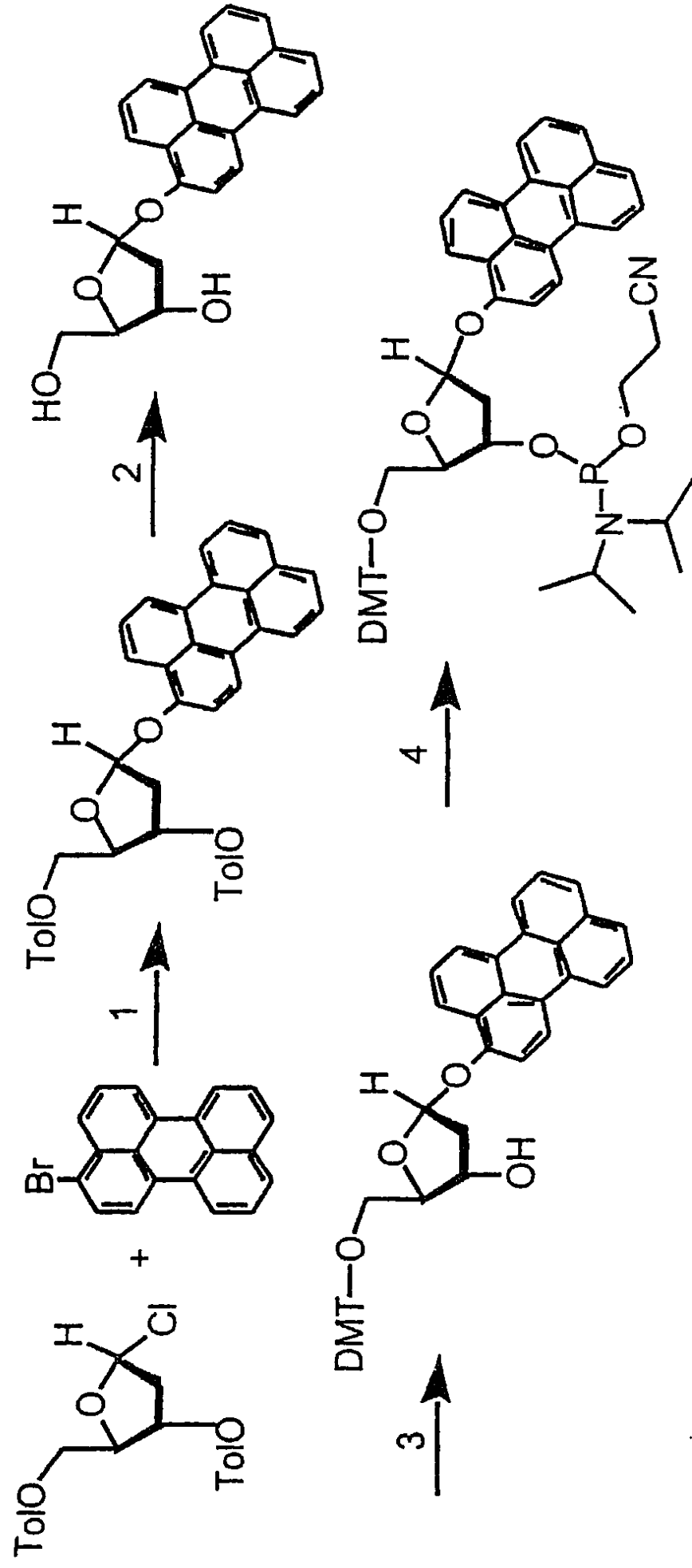


Fig. 5

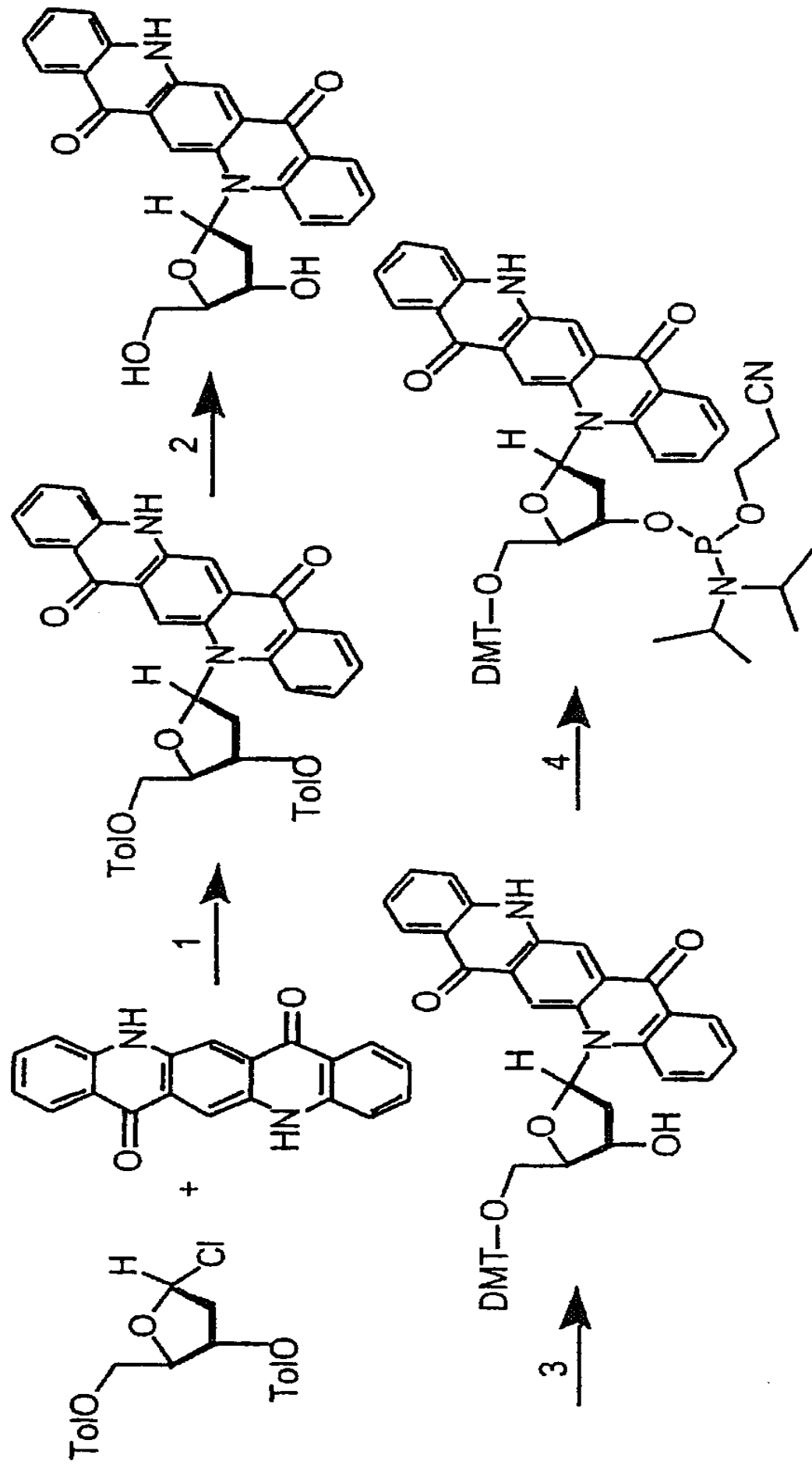


FIG. 6

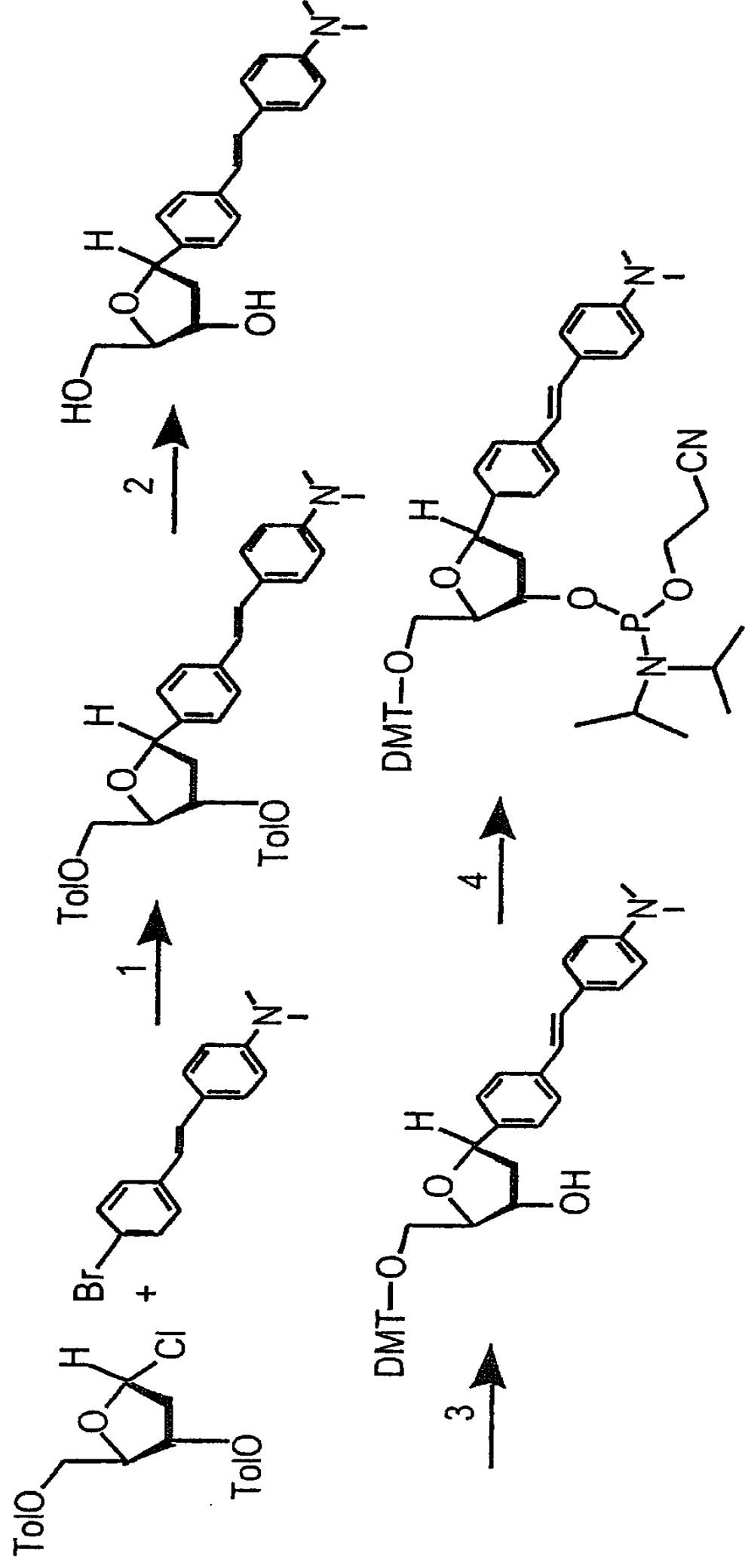


Fig. 7

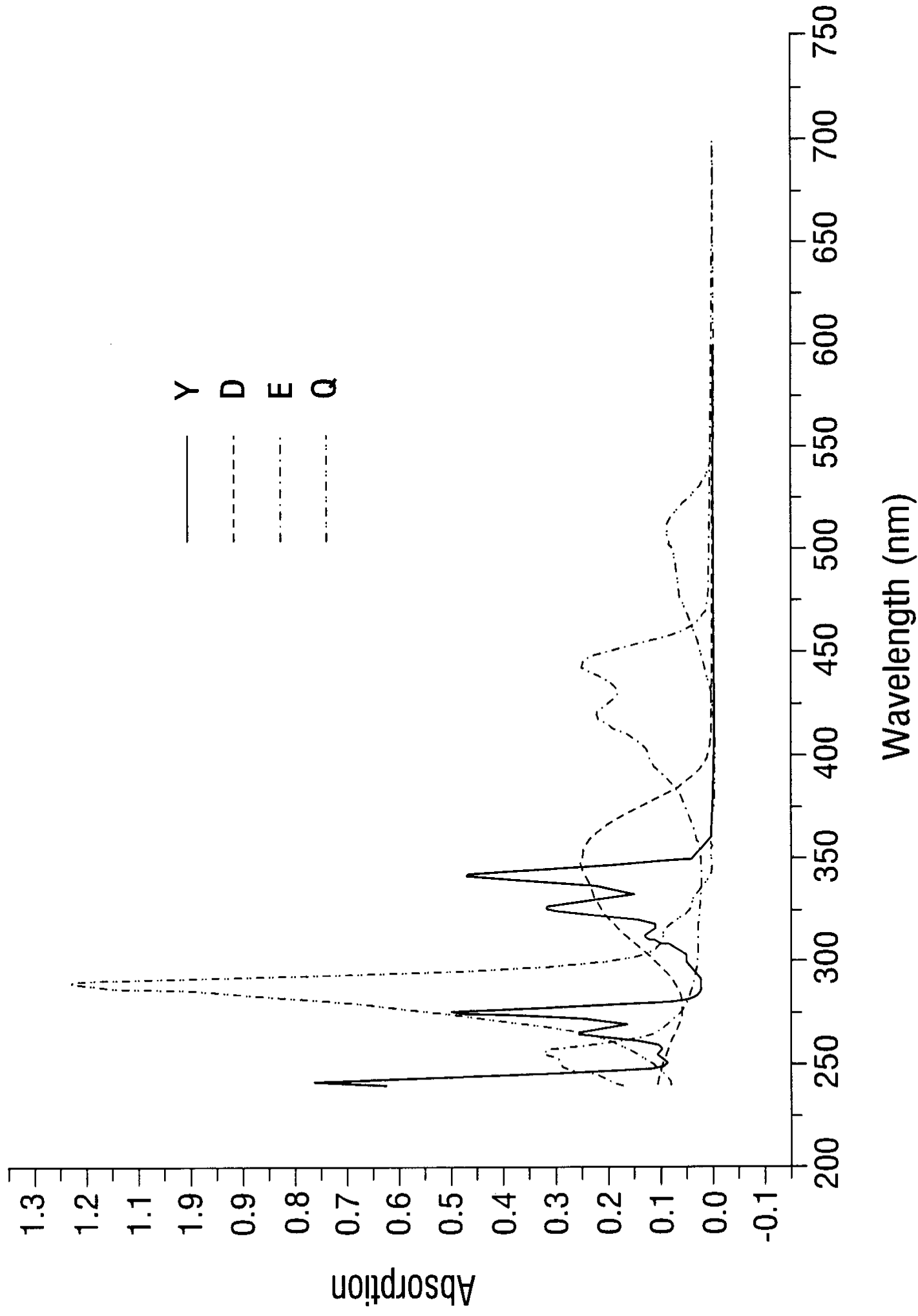


FIG. 8

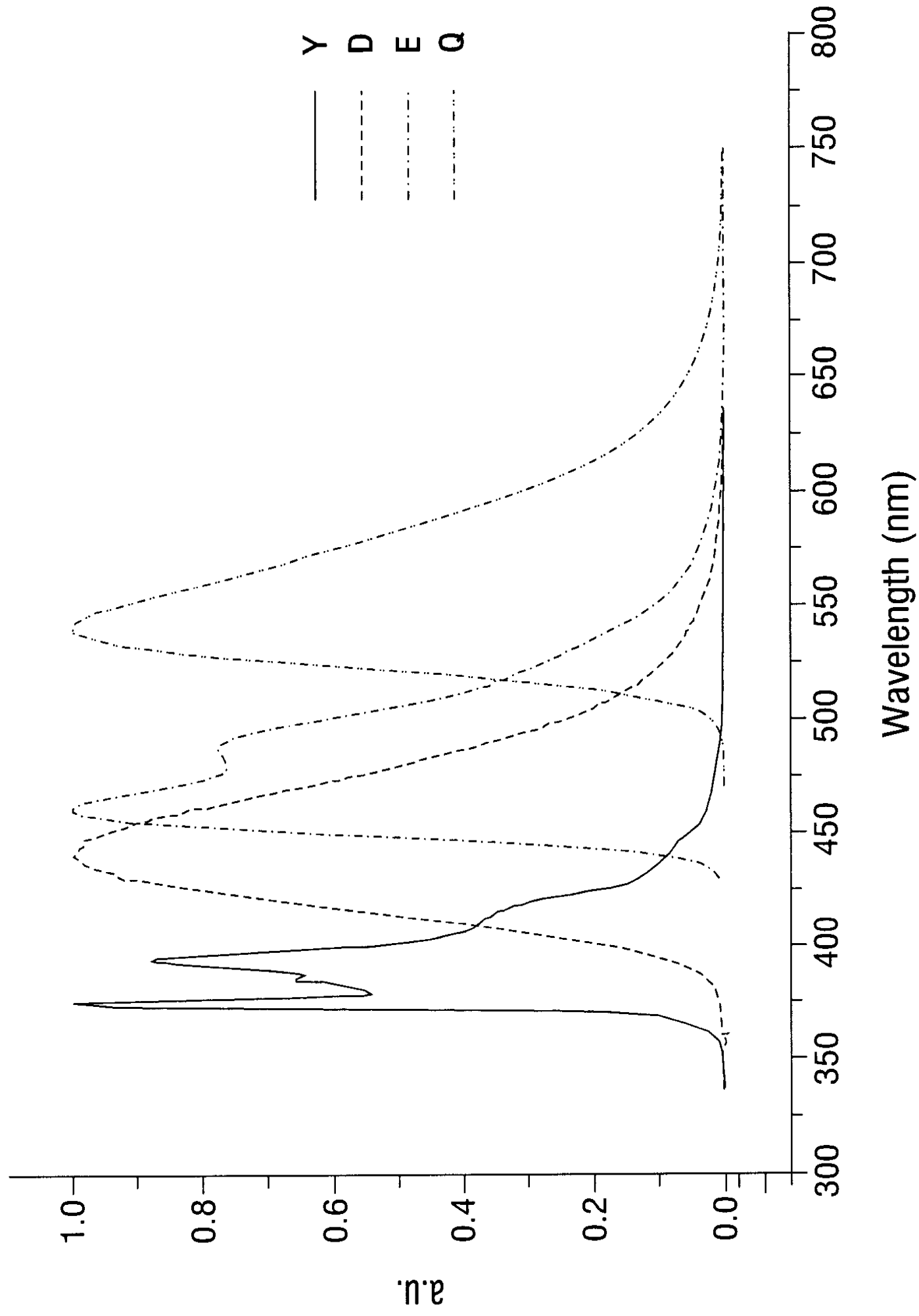


FIG. 9

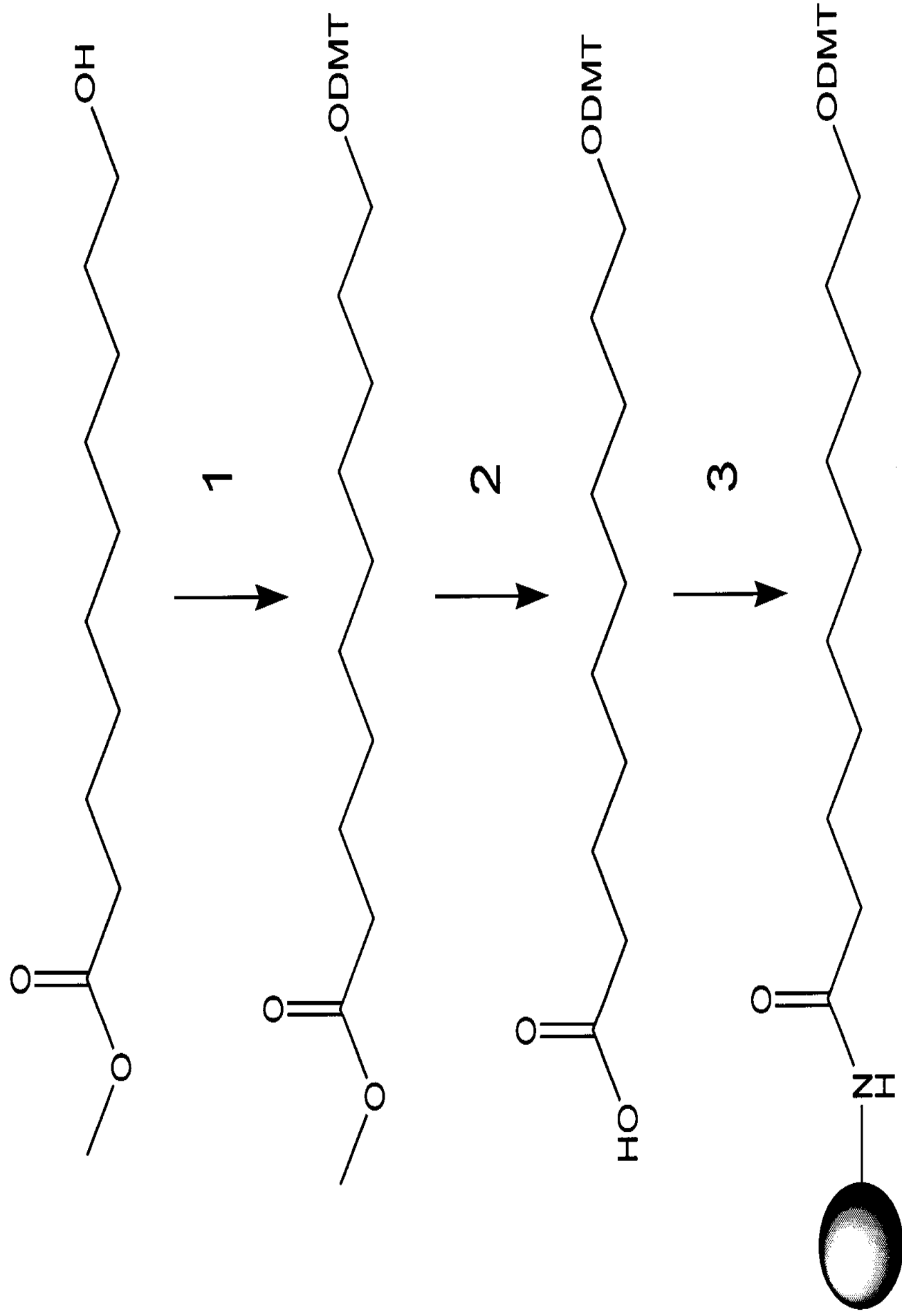


Fig. 10

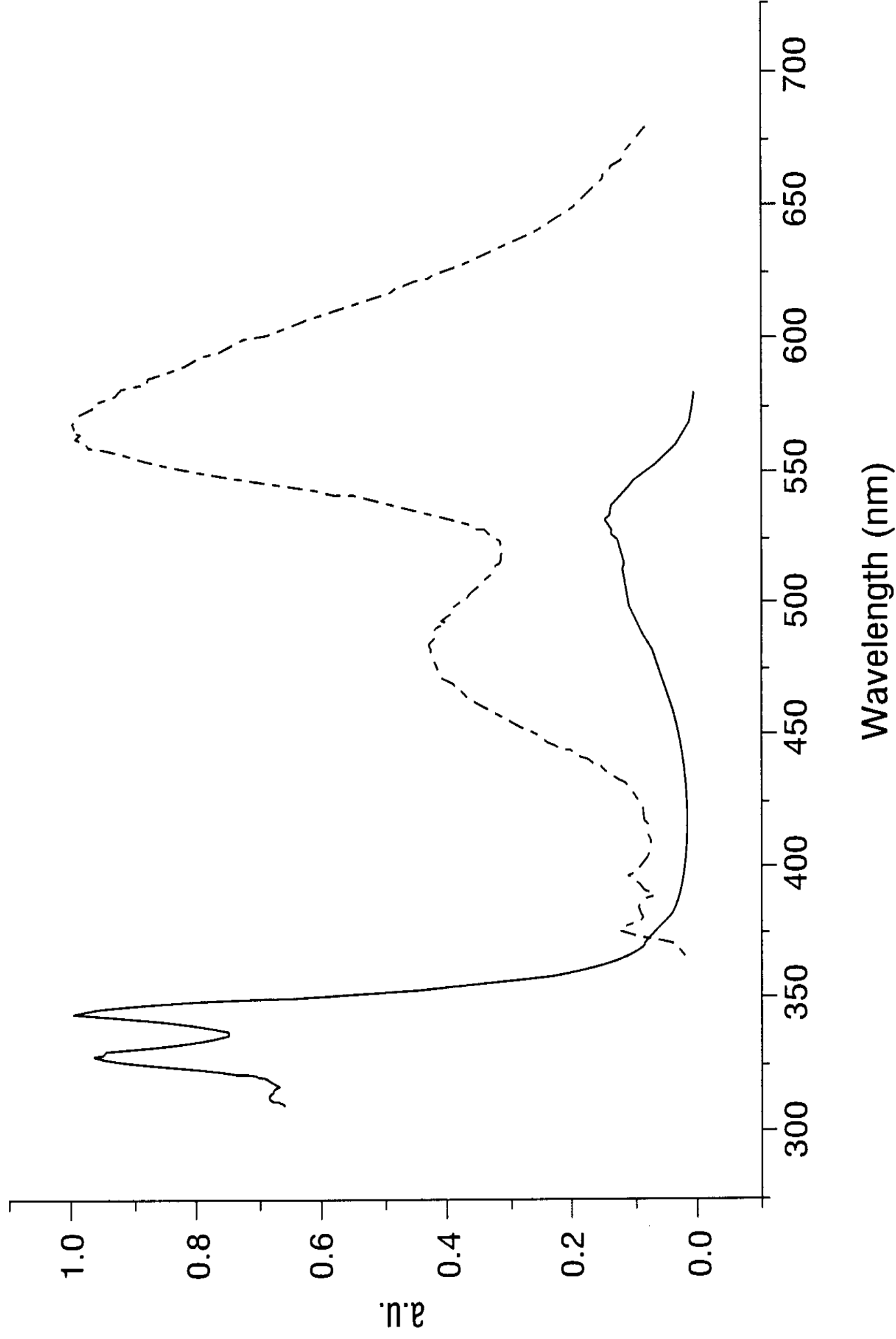


FIG. 11

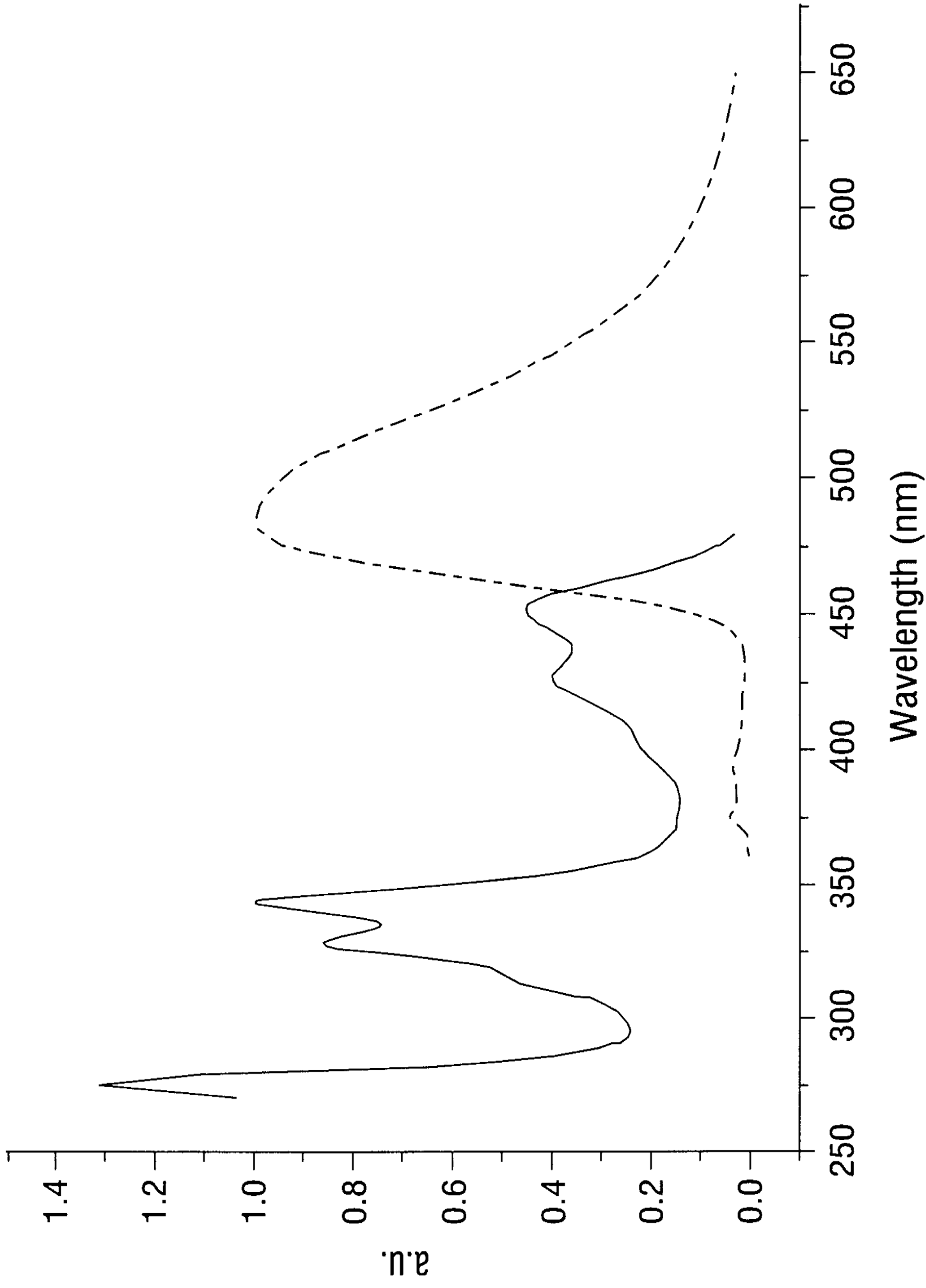
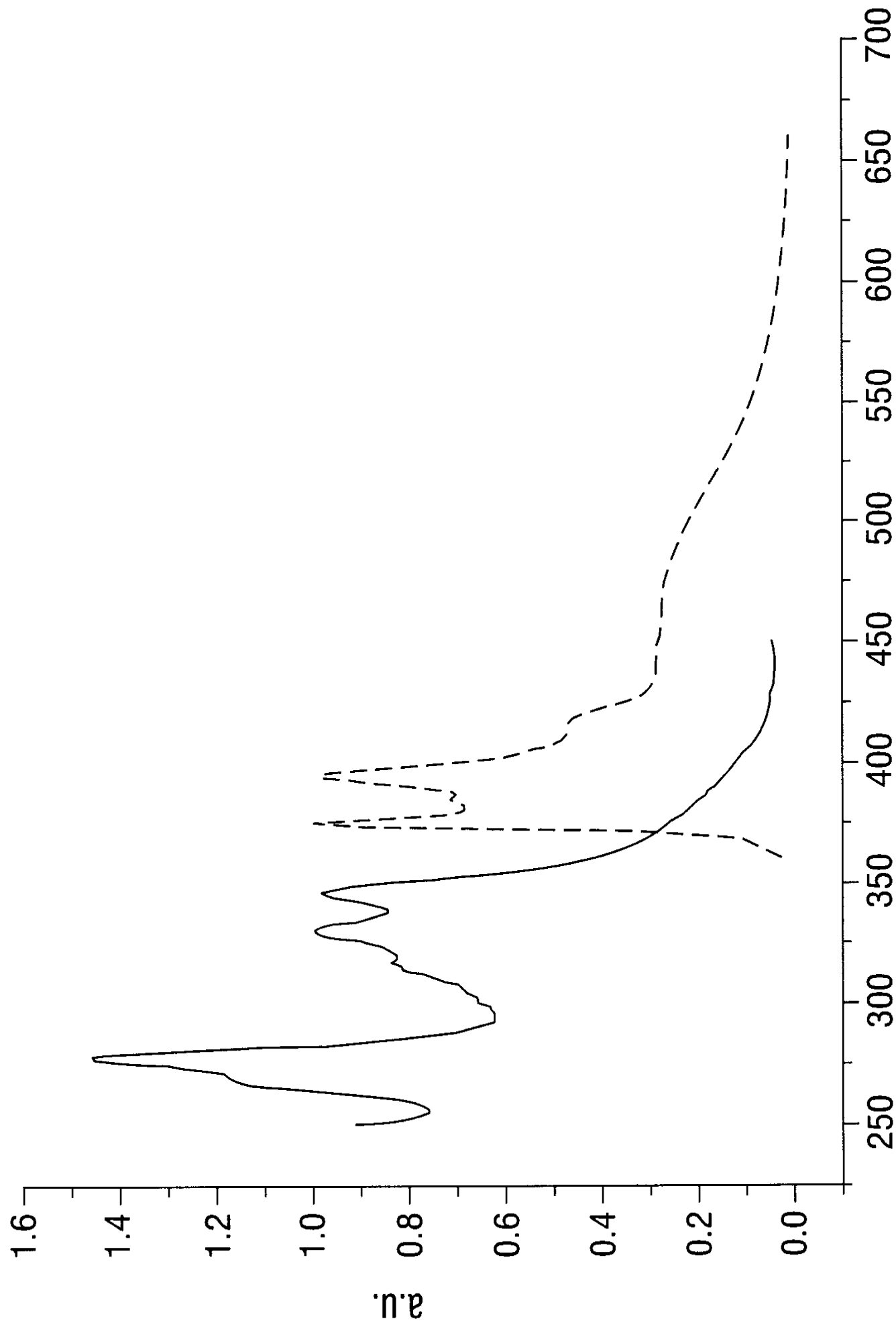


FIG. 12



Wavelength (nm)

FIG. 13

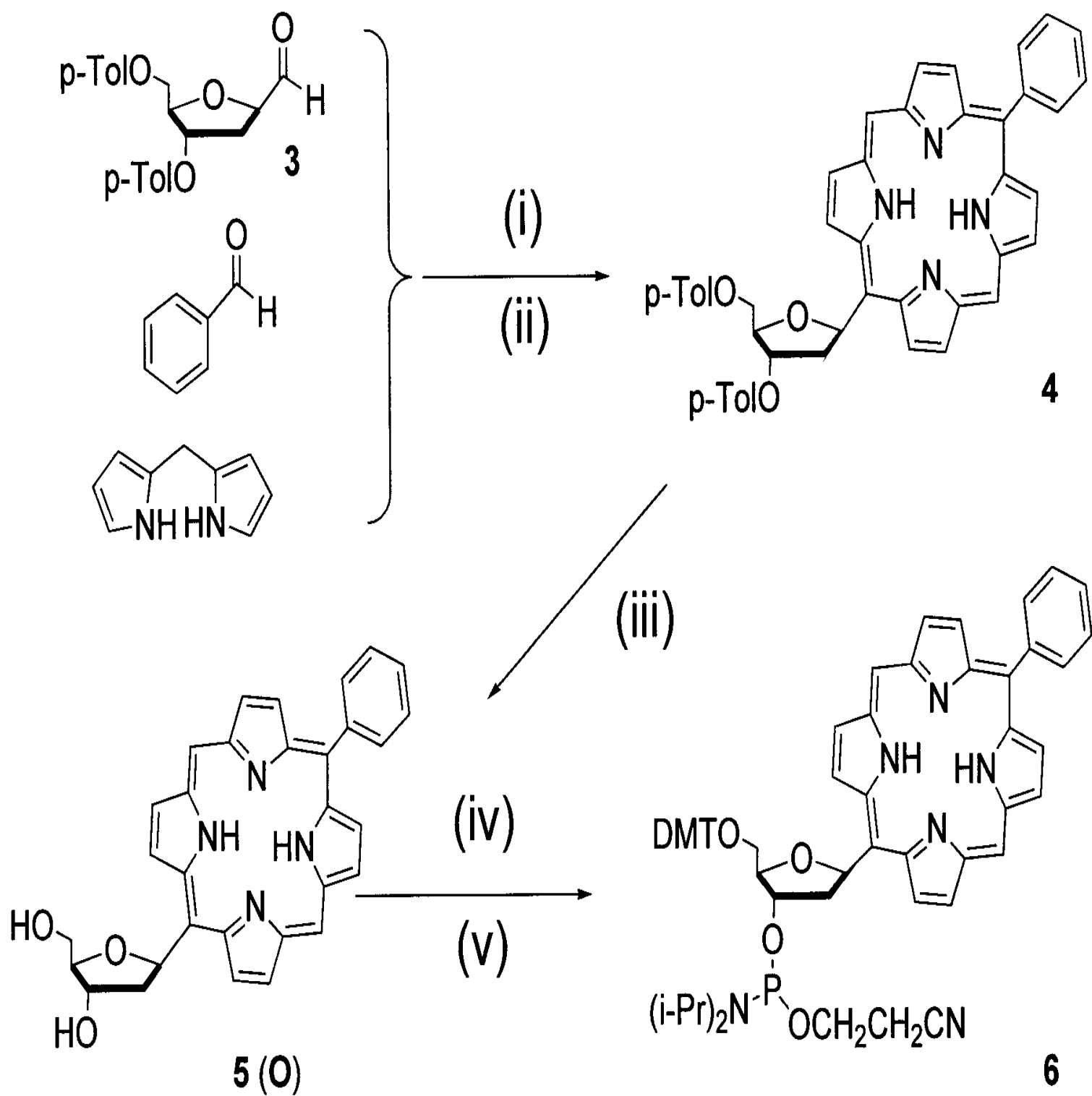


Fig. 14